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# AGRICULTURAL LIBRARIES INFORMATION NOTES

## AN AGRICULTURAL INFORMATION NETWORK

Jan Kennedy, Chief  
Lending Branch, Library Operations Division  
TIS/SEA/USDA

In November 1979, Technical Information Systems (TIS) sponsored an Agricultural Information Conference. It provided a discussion forum for exploring the information needs of agriculturalists and ways in which cooperative systems make possible the integration of state and local information sources. The Conference program dedicated one morning to the subject *Cooperative Library Systems* and presented the opportunity to address a cooperative library system which has been long in the making and is probably the most fundamental of all, a national agricultural sciences information network.

Over the years a great deal of thinking, discussion, and work have been done toward development of the network. The desirability of such a network has been forcefully reaffirmed by commitment of Congress to the concept. The following brief chronology gives an idea of the activity to this time.

- |   |   |
|---|---|
| -1967 Planning for the network began when NAL contracted with EDUCOM (Interuniversity Communications Council) giving them the charge "to develop basic plans for an Agricultural Sciences Information Network."   | -1971 After one year of study the Committee made its recommendations and discussed the network concept with the agricultural community. The need was identified and recommendation made for "the immediate establishment of an Agricultural Libraries Network." |
| -1970 To assist EDUCOM, the Division of Agriculture of the National Association of State University and Land-Grant Colleges appointed an advisory committee of researchers, educators, and policy makers in the agricultural and food sciences "to develop a plan for an effective system for the retrieval, analysis and dissemination of agricultural science information." | -1975 During this period several papers were written producing discussion on the most advantageous, needed, and practical functions of the network. A view was put forth of how an integrated network might appear.   |
|   | -1976 For fiscal year 1976, Dr. Richard A. Farley, Administrator<br>( <i>NETWORK, Continued on page 2</i> )   |

(NETWORK, Continued from page 1)

of Technical Information Systems (TIS), gave testimony during the hearings before a subcommittee of the Committee on Appropriations of the House of Representatives. In his concluding remarks he re-stressed earlier points which he had made:

*"The original mission statement of 1862 directed the collection and dissemination of useful information on agricultural subjects. Rather than attempting to become a complete and exhaustive storehouse of all agricultural knowledge, NAL will rely on a network system or partnership with other agricultural libraries both in the public and private sectors to create a cohesive nation-wide collection of agricultural information. We seek with this appropriation request your understanding support."*

-1977 On September 29 the President signed the *Food and Agriculture*

-1978

Act of 1977. Section 1411 of this act entitled "Libraries and Information Network" mandates the implementation of the long planned and hoped for information network.

NAL brought in Charles Gilreath, Texas A&M University Libraries on a short-term basis to give new thinking to the network in light of today's somewhat changed needs. He produced working documents which confirmed the need for a network, described some possible network functions and provided a methodology for getting the best possible ideas together on setting the wheels in motion to make the network a reality.

-1979

A session of the Agricultural Information Conference, November 1979, provided the opportunity to discuss the network, specifically the methodology for gathering cooperation from throughout the U.S. to get the network off the drawing board and into existence.



One methodology selected was a series of regional conferences throughout the country--each conference to address pre-identified issues such as the structure, functions, and governance of an agricultural science information network.

Discussion was directed at how such conferences should be set up; five questions were considered:

1. For the purpose of establishing regional conferences to discuss issues relating to national networking, how should the regions be identified?
2. Given that the objective of a cooperative national information network should be directed to the improved awareness and utilization of agricultural and food sciences information by scientists, policy makers, and the general public, who should attend the regional

conferences? How many participants would be desirable?

3. Who should be responsible for organizing the regional conferences, formatting the program, and distributing the publicity?
4. What issues would you like to see addressed?
5. What kind of feedback should be returned to TIS/NAL following the conferences?

Responses to the questions were prepared by four groups and their thinking is summarized here.

1. For the purpose of regional conferences to discuss issues relating

(NETWORK, Continued on page 3)



(NETWORK, Continued from page 2)

to national networking, how should the regions be identified?

Possible region configurations suggested were:

- a. Experiment station/Extension service regions;
- b. Document Delivery System regions;
- c. Demographically based regions;
- d. Regions created according to strength in bibliographic resources;
- e. Agricultural commodity subject groups;
- f. Regions by interest group, e.g. arid lands, tropical and sub-tropical agriculture and forestry;
- g. U.S. Government regional configuration.

There was concern expressed that maximum participation should be encouraged and that this would be assisted by minimizing travel.

2. Given that the objective of a cooperative national information network should be directed to the improved awareness and utilization of agricultural and food sciences information by scientists, policy makers, and the general public, who should attend the regional conferences? How many participants would be desirable?

Optimum size was considered to be no more than 100 people. It was thought important that within large institutions such as land-grant universities no single person should be chosen as representative and sole spokesman, a diversity of opinion being essential to the success of the whole venture. In addition to this concept, it was also stressed that the gamut of people involved in the agricultural information enterprise should be involved including

.Administrators

Agricultural College Deans

Directors of Libraries

State Legislators

Director of State Library

.Information Managers (the majority should be Information Managers)

.Organized public interest groups, power groups or lobbyists used by Extension agents

.Users

Farmers

Agricultural College

Students and Faculty

Field USDA personnel

3. Who should be responsible for organizing the regional conferences, formatting the program, and distributing the publicity?

It was agreed that TIS should take responsibility for identifying the regions, the regional steering committees, and the host institutions. The committees would format the programs to allow enough time to explore their own unique interests and concerns but would work from general guidelines, basic information, support, and agenda items developed by TIS. The committees would also distribute their own publicity.

4. What issues would you like to see addressed? List five in priority order.


With one exception the same five issues were the top five in each group although they varied a little in priority order. The aggregate of opinion identified the following issues and ranked them as indicated.

- a. Goals and objectives of the network established after identifying the needs and priorities of the region.

(NETWORK, Continued on page 4)

- b. Funding - generating a strong, continuing commitment of resources to the network.
  - b. Organization, structure, participant roles, and governance of the network.
  - d. Identification of the benefit and rewards of the system to the various participants.
  - e. Education and training in agricultural information both for those disseminating it and for potential consumers.
5. What kind of feedback should be returned to TIS/NAL following the conference?

It was recommended that reports should be written during the conferences, being the responsibility of the steering committee. The reports would include decisions made by regional conference participants, suggestions, requests, and any other information about that region necessary to make the network succeed. The reports would be used to structure a national conference to effect a synthesis.

Formation of the Agricultural Information Network is obviously an evolutionary process. It is intended that the ideas reported here should contribute to that process and to that end will be included in a discussion of the development of the network with the Joint Council on Food and Agriculture. This Advisory Council to the Secretary of Agriculture exists to foster coordination of the agricultural research, extension and teaching activities of the Federal Government, the States, colleges and universities, and other public and private institutions and persons involved in the food and agricultural sciences. Membership of the Joint Council is listed on page 5. 

## ELECTRONIC MAIL SYSTEM

Under a national electronic mail system network developed by SEA's TIS and Extension units, a new type of rapid communication will soon be possible among State Extension offices and between State and Federal offices. The system provides for the instantaneous delivery of hard copy messages that are typed, stored, and accessed through computer terminals. Successfully pilot tested in 22 states last year, the system will begin operating nationally this fall. Significant applications of the system have already been made. There was a response within 36 hours to an urgent request for information on Extension energy projects and quick delivery of information to State Extension directors about the progress of critical budget legislation and hearing developments. The system has also been used to speed up the approval of work plans and to provide information for regional meetings. In one case, a paper was jointly authored using the system. In addition to its usefulness in administering day-to-day operations of State Extension offices and information gathering, the system has the capability of communicating with word processors, providing the ability to transmit formal communications in finished form.

The project coordinator for Technical Information Systems is Jerry Paulsen, Information Systems Division, TIS/SEA/USDA, NAL Bldg., Beltsville, Md. 20705.







*Another Revolution in U.S. Farming?*

Washington, U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, 1979. (Agricultural Economic Report 441). 445 p. \$6.50. Available from Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Stock No. 001-000-04094-4.

\**Conversion of Tropical Moist Forests.*

Prepared for the Committee on Research Priorities in Tropical Biology; Division of Biological Sciences, Assembly of Life Sciences, National Research Council. Washington, D.C., National Academy of Sciences, 1980. 214 p. \$12.50. ISBN 0-309-02945-7.

\**The Effects on Human Health of Subtherapeutic Use of Antimicrobials in Animal Feeds.* Committee to Study the Human Health Effects of Subtherapeutic Antibiotic Use in Animal Feeds; Division of Medical Sciences, Assembly of Life Sciences, National Research Council. Washington, D.C., National Academy of Sciences, 1980. 392 p. \$10.25. ISBN 0-309-03044-7.

\**Energy Choices in a Democratic Society (Study of Nuclear and Alternative Energy Systems, Supporting Paper 7).* Consumption, Location, and Occupational Patterns Resource Group, Synthesis Panel, Committee on Nuclear and Alternative Energy Systems; National Research Council. Washington, D.C., National Academy of Sciences, 1980. 153 p., \$6.50. ISBN 0-309-03045-4.

*The Directory for Invertebrate Pathology 1980.* Columbus. Department of Entomology, The Ohio State University, The World Health Organization Special Programme for Research and Training in Tropical Diseases, and The Society for

Invertebrate Pathology. n.d. \$5.00 postpaid. Copies may be purchased from John D. Briggs, Department of Entomology, The Ohio State University, 1735 Neil Avenue, Columbus, OH 43210.

*Fungicides for Control of Foliar, Pod, and Stem Diseases of Soybeans.* Fayetteville, Agricultural Experiment Station, University of Arkansas, 1980. (Report Series 250). Free. Apply to AES.

*Small-Scale Fuel Alcohol Production.* Washington, U.S. Dept. of Agriculture, prepared in cooperation with Development, Planning, and Research Associates, Inc. March 1980. 243 p. \$6.00. Order from Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Stock No. 001-000-04124-0.

\*Documents marked with an asterisk (\*) are available from the Office of Publications, National Academy of Sciences, 2101 Constitution Avenue N.W., Washington, D.C. 20418.



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## CAPITOL HILL LEGISLATION

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*Agricultural Research. H.R. 7557.* Provides grants to States to assist colleges to strengthen their capacity for food and agricultural research through the purchase of equipment, land, planning, construction, alteration or renovation of buildings. Would provide \$5 million annually for fiscal years 1981 through 1985 on a matching basis.

*Animal Cancer Research Act. S. 2043.* Authorizes appropriation of funds to the Department of Agriculture for the conduct of basic research on cancer in animals and birds. Research would be conducted at appropriate facilities or by grants to qualified research facilities. Provides for consultation and coordination of animal cancer research between the Department and the National Institutes of Health. Authorizes \$25 million for FY 1981. Referred to House Agriculture Committee May 28, 1980.

*Food Security Act of 1980. H.R. 6635.* Establishes a Government-owned wheat reserve of up to four million metric tons to assist in meeting emergency food needs in developing countries during periods when U.S. wheat supplies are in such short supply that enough wheat is not available for existing U.S. food aid programs abroad. Bill allows up to 300,000 tons of this reserve to be used in any fiscal year for urgent humanitarian relief in a developing country which suffers a major disaster, when normal means of obtaining food aid do not allow timely shipment. Reported from Agriculture Committee June 25, 1980; *Rept. 96-966, pt. II.*

*National Science Foundation Authorization and Women in Science Act. S. 568 [H.R. 7115].* Promotes the full use of human resources in science and technology through a comprehensive program to maximize the potential contribution and advancement of women in scientific, professional, and technical careers. Senate passed *S. 568* amended in the nature of a substitute, as amended, June 23, 1980.

*National Wilderness Preservation System. H.R. 5341.* Provides for the wilderness designation of certain lands within the Ocala National Forest, the Osceola National Forest, and the Apalachicola National Forest. Adds approximately 130,340 acres to the National Wilderness Preservation System. The bill also adjusts the boundaries of the existing Florida Keys wilderness and contains provisions relating to applications for phosphate leases in the Osceola National Forest, Florida. Bill referred to House Agriculture June 12, 1980, for a period ending June 30, 1980.

*Synthetic Fuels. S. 932 [H.R. 39307].* Authorizes appropriation of \$20 million dollars for synthetic fuels development, to be managed by a synthetic fuels corporation. Includes \$14 billion for gasohol, conservation, solar energy, and other programs. The \$20 billion in funding for synfuels was included in *H.R. 4930*, the Interior and Energy Appropriations bill, which became *Public Law 96-126* approved November 27, 1979. Approved June 30, 1980. *Public Law 96-294.*





**NEW SERIALS  
RECEIVED AT NAL**



*AUSTRALIAN CHAROLAIS NEWS.* Sydney, N.S.W., Charolais Society of Australia. 1979- SF199.C5C6  
Formerly *Charolais Newsletter*.

*AUSTRALIAN FOREST INDUSTRIES JOURNAL & AUSTRALIAN LOGGER.* Sydney, Vol. 45, no. 8, 1979- 99.81 Au7  
Formerly *Australian Forest Industries Journal*.

*BEHAVIORAL AND NEURAL BIOLOGY.* New York, Academic Press. Vol. 25, no. 1, 1979- QH301.C63  
Formerly *Behavioral Biology*.

*BIOLOGICAL ABSTRACTS/RRM.* Philadelphia, Biosciences Information Service. Vol. 18, no. 1, 1980- 241.7 B523  
Formerly *Bioresearch Index*.

*CALCIFIED TISSUE INTERNATIONAL.* Berlin, New York, Springer International. Vol. 27, no. 1, 1979- QP88.C3  
Formerly *Calcified Tissue Research*.

*DAIRY FIELD.* New York, Magazines for Industry. Vol. 162, no. 10, 1979- 389.8 Ic2  
Formerly *Dairy & Ice Cream Field*.

*DIGESTIVE DISEASES AND SCIENCES.* New York, Plenum Pub. Corp. Vol. 24, no. 1, 1979- RC799 .A63  
Formerly *American Journal of Digestive Diseases*.

*ECOLOGY ABSTRACTS.* London, Information Retrieval Ltd. Vol. 6, no. 1, 1980- QH540.A23  
Formerly *Applied Ecology Abstracts*.

*ECONOMIC FORUM.* Salt Lake City, Economic Forum. Vol. 10, no. 1, 1979- HB1.A115  
Formerly *Intermountain Economic Review*.

*ENVIRONMENTAL POLLUTION. Series A: Ecological and Biological.* London, Applied Science Publishers. Vol. 21, no. 1, 1980- QH545.A1E52  
Superseded in part: *Environmental Pollution*.

*EUROPEAN JOURNAL OF CELL BIOLOGY.* Stuttgart, Wissenschaftliche Verlagsgesellschaft. Vol. 19, no. 1, 1979- QH573.C83  
Formerly *Cytobiologie*.

*GRASS AND FORAGE SCIENCE.* Oxford, Blackwell Scientific Publications. Vol. 34, 1979- 60.19 B773  
Formerly *British Grassland Society Journal*.

*HEALTH COMMUNICATIONS AND INFORMATICS.* Basel, New York, S. Karger. Vol. 5, no. 1, 1979- R118.B5  
Formerly *Biosciences Communications*.

*HORSE AND CHARIOT.* Idaho Falls, Idaho, Harris Pub., Inc. 1979- SF321.C88  
Formerly *Cutter and Chariot Racing World*.

*IMMUNOBIOLOGY.* Stuttgart, New York, Fischer. Vol. 156, 1979- QR180.Z4  
Formerly *Zeitschrift für Immunitätsforschung Immunobiologie*.

*JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY.* Oxford, Blackwell Scientific Publications for Society of Industry. Vol. 29, no. 1, 1979- 382 J82  
Formerly *Journal of Applied Chemistry and Biotechnology*.

*JOURNAL OF INORGANIC BIOCHEMISTRY.* New York, Elsevier. Vol. 10, no. 1, 1979- QD415.B5  
Formerly *Bioinorganic Chemistry*.

(SERIALS, Continued on page 9)



The titles listed below are owned by the Library; those lacking call numbers have not yet been cataloged.  
The foreign, as well as domestic titles are available from the Library through loan or photocopy.


*Annotated Bibliography of "Soil Bureau Publications" 401-600.* Compiled by J. E. Davin and N. E. Weston. (New Zealand Soil Bureau Bibliographic Report 17). [Wellington], Department of Scientific and Industrial Research. 1979. 115 p. 200 citations. Price unavailable. (NAL call no.: Z5074.S7N).

*"Art Out-of-Doors," American Gardens 1890-1930: A Selected Bibliography.* Compiled by Julia Finette Davis. Pittsburgh, The Hunt Institute for Botanical Documentation, Carnegie-Mellon University. 1979. 16 p. Approx. 112 citations. Order from: Publisher, Pittsburgh, PA 15213, Price: \$3.00 prepaid. (NAL call no.: Z5996.A1D3).

*Biology of the Arabian Peninsula: A Bibliographic Study.* Compiled by Mohammed Aatur Rahim. (Saudi Biological Society. Publication no. 3). [Riyadh, Saudi Arabia], Saudi Biological Society. 1979. 180 p. Approx. 2,000 citations. Price unavailable. (NAL call no. Z5320.R3).

*Genetic Engineering.* Compiled by Katherine Murray. (U.S. Library of Congress. Science and Technology Division. LC Science Tracer Bullet, TB 78-8). Washington, Library of Congress, Science and Technology Division, Reference Section. 1979. 11 p. Approx. 75 citations. Order from: Publisher, 10 First Street, S.E., Washington, D.C. 20540. Free. (NAL call no.: Z5322.G4M8).

*Spruce Budworms Bibliography.* Compiled by Daniel T. Jennings, Fred B. Knight, Susanne C. Hacker, and M. E. McKnight. (Maine. Life Science and Agriculture Experiment Station. Miscellaneous Report, no. 213). Orono, School of


Forest Resources, University of Maine. April 1979. 687 p. Approx. 1,500 with abstracts. Order from: U.S. Forest Service, USDA Building, University of Maine, Orono, ME 04469, Attn: D. Jennings. Free. (NAL call no.: 100 M28M). 



Clearance has been granted to USDA authors to publish the following bibliographies:

*An Annotated Bibliography of Surface Wind Velocity Literature Relating to Forest Fire Behavior Studies.* Compiled by Robert G. Baughman. For information contact: Thomas M. Baugh, Leader, Research Information Group, USDA Intermountain Forest and Range Experiment Station, 507 - 25th Street, Ogden, UT 84401.

*Cavity-Nesting Birds: A Bibliography.* Compiled by William C. Fischer. For information contact: Compiler, USDA Intermountain Forest and Range Experiment Station, Northern Forest Fire Laboratory, Drawer G, Missoula, MT 59806.

*Input Markets in U.S. Agriculture: A Bibliography of Selected Economic Studies, 1950-1980.* Compiled by Thomas Spinks and Dale C. Dahl. For information contact: Neal Holland Duncan, ESCS Information, USDA, Room 1660 South Bldg., Washington, D.C. 20250. 





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Reference Branch  
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NAL--BIBL. 80-05. *Irrigation Scheduling, 1969-1979*. 192 citations from AGRICOLA. Search by Jayne T. MacLean. April 1980.

NAL--BIBL.--80-06. *Urban Forestry, 1974-1979*. 402 citations from AGRICOLA. Search by Jayne T. MacLean. April 1980.

NAL--BIBL.--80-07. *Aquatic Weed Control, 1969-1979*. Search by Jayne T. MacLean. April 1980.

NAL--BIBL.--80-08. *Training Manuals, Handbooks, Guides and Audiovisual Materials on Pesticides, 1963-1979*. 202 citations from AGRICOLA. Search Charles N. Bebee. April 1980.

NAL--BIBL.--80-09. *Wind Energy in Agriculture, 1970-1979*. Pt. 1: 48 citations; Pt. 2: 122 citations, from AGRICOLA. Search by Jayne T. MacLean. April 1980.

NAL--BIBL.--80-10. *Minimum Tillage, 1974-1979*. 357 citations from AGRICOLA. Search by Jayne T. MacLean. April 1980.

NAL--BIBL.--80-11. *Small Farms, Family and Part-Time Farming in the United States, 1967-1979*. 334 citations from AGRICOLA. Search by Charles N. Bebee.

NAL--BIBL. 80-12. *Poisonous and Hallucinogenic Mushrooms, 1969-1979*. 183 citations from AGRICOLA. Search by Charles N. Bebee and Maydelle Stewart.

NAL--BIBL. 80-13. *Volcanic Ash: Biological Effects, 1968-1979*. 38 citations from AGRICOLA. Search by Charles N. Bebee, Jayne T. MacLean, and Phyllis L. Cleveland. May 1980.

NAL--BIBL. 80-14. *Earthworms: Raising, Uses, Beneficial Aspects, 1969-1980*. 212 citations from AGRICOLA. Search by Jerry Rafats. June 1980.



(SERIALS, Continued from page 7)

JOURNAL OF NATURAL PRODUCTS.

Cincinnati, Oh., American Society of Pharmacognosy. Vol. 42, 1979-  
Formerly *Lloydia*. 442.8 L77

MOLECULAR IMMUNOLOGY. Oxford, New York, Pergamon Press. Vol. 16, no. 1, 1979- 448.3 Im62  
Formerly *Immunochemistry*.

PNW RESEARCH NOTE. Portland, Or., U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station. Vol. 328, 1979- a99. F7625U  
Formerly *USDA Forest Service Research Note PNW*.

TROPICAL PEST MANAGEMENT. London, Centre for Overseas Pest Research. Vol. 26, no. 1, 1980- SB950.A1P3  
Formerly *Pans: Pest Articles and News Summaries*.



AGRICULTURAL  
TRANSLATIONS



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DEPP, H. J., and SCHMIDT, K. Comparative Long- and Short-Term Weathering Tests on Wood-Based Materials. Translated from German: *Holz als Roh und Werkstoff*, 37: 287-294, 1979. TRANS. No. 25541.

CHESTYAKOV, I. YA. The Use of Gonadotrophins in Karakul-Sheep Breeding. Translated from Russian: *Veterinariya*, 1 (1):93-94, 1977. TRANS. No. 25278. TT 78-59444/1.

ESYUTUN, A. V. Treatment of Sheep With Hoof Rot. Translated from Russian: *Veterinariya*, 2 (5): 88-90, 1977. TRANS. No. 25230 TT 78-59444/2.

IPATOVA, R. G. Clinico-Immunological Features of Chronic Cow Type Brucellosis According to the Data of Dispensary Inspection of the Animal Breeders. Translated from Russian: *Zh. Mikrobiol. Epidemiol. Immunobiol.* 6: 129-130, 1977. TRANS. No. 25512.

KATZ, L. N. Intracytoplasmic Membrane System in Bacterial L-Form. Translated from Russian: *Izv. Akad. Nauk SSR. Ser. Biol.* 1: 140-149, 1977. TRANS. No. 25362. TT 79-59028.

KOVAL'CUK, L. M. The Influence of Technology on the Strength of Bonded Wood Structures. Translated from German: *Holztechnologie*, 20 (1): 11-17, 1979. TRANS. No. 22518.

MIGUNOV, I. M. Control of Melophagus Infestation of Sheep. Translated from Russian: *Veterinariya*, 3 (6): 68-69, 1977. TRANS. No. 25229.

TT 78-59444/3.

MIKHAILOV, N. N. Preparation and Use of Hormones Derived From Pregnant Mares Serum. Translated from Russian: *Vestnik Selskokhozyaistvennoi Nauki*, 3: 47-49, 1977. TRANS. No. 25519. TT 78-59429.

REMENTSOVA, M. M. The Influence of Hydrocortisone and Methods of Infection on Brucella Cultivation From the Organism of White Mice. Translated from Russian: *Zh. Mikrobiol. Epidemiol. Immunobiol.* 1:61-65, 1978. TRANS. No. 25530. TT 59033/8.

SHENITSYNA, V. P. On the Formation of a Three-Dimensional Structure in Cured Urea-formaldehyde Oligomers. Translated from Russian: *Vysokomolekulyarnye Soedineniya, Ser. A*, 21: 1945-51, 1979/9. TRANS. No. 25580.

SHIPILOV, V. S. The Bioelectrical Activity of the Uterus of Sheep. Translated from Russian: *Veterinariya*, 1: 90-93, 1977. TRANS. No. 25258. TT 78-59438.

YEE-MEILER M. Phenols as Indicators of Metabolic Disturbances in Forest Trees Exposed to Atmospheric Fluoride Pollutants. Translated from German: *Mitt. Eidg. Anst. Forstl Versuchswes.* 53 (4): 201-229, 1977. TRANS. No. 25499. TT 80-58027.



September 15-19: *INTERNATIONAL SEMINAR ON ENERGY CONSERVATION AND THE USE OF SOLAR AND OTHER RENEWABLE ENERGIES IN AGRICULTURE, HORTICULTURE AND FISHCULTURE.* London, England. Contact: Frederick Vogt, Polytechnic of Central London, 35 Marylebone Rd., London NW1 4LS, England (COMM 01-486-5811, ext. 284).


September 21-26: *1st LATIN AMERICAN LIBRARIANSHIP AND DOCUMENTATION CONGRESS.* Salvador-Bahia, Brazil. Contact: Noreth Calmon de Cerqueira Ribeiro, Bibliotecaria CRB 5/103, Secretaria Executiva, Av. Antonio Carlos Magalhaes, s/n-Pituba, PETROBRAS/ SEN-BA, Salvador-Bahia-Brazil.

October 20-22: *SYMPOSIUM ON RURAL POLICY AND FARM STRUCTURE.* Ames, Ia., Iowa State University. Sponsored by the University, the U.S. Department of Agriculture, the Farm Foundation, and the Policy Studies Organization. Contact: Don F. Hadwiger, Dept. of Political Science, Iowa State University, Ames, IA 50011.

November 17-21: *9th PAMAMERICAN SEMINAR ON SEEDS.* Buenos Aires, Argentina. Contact: Secretaria Administrativa, Corrientes 127-5° Pisco-Of. 513 (1043) Buenos Aires, Republica Argentina.

November 30-December 6: *ARID LAND RESOURCE INVENTORIES, DEVELOPING COST-EFFICIENT METHODS.* La Paz, Mexico. Sponsored by IUFRO Forest Resource Inventory Subject Group, SAF Inventory Working Group, Subsecretariat of Forest & Wildlife, Mexico, Mexican Association of

Professional Foresters (AMPF), USDA Forest Service, USDI Bureau of Land Management. Contact: H. Gyde Lund, Program Chairman, USDA Forest Service RMF & RES, 240 W. Prospect St., Ft. Collins, CO 80526.


December 1-2: *ASAE CONFERENCE ON CROP PRODUCTION WITH CONSERVATION IN THE 80's.* Palmer House, Chicago, IL. Contact: John C. Siemans, Chairman, Conference on Crop Production with Conservation in the 80's, Agricultural Engineering Department, Univ. of Illinois, Urbana, IL 61801 (telephone: 217-333-2854). 

## APOLOGIES TO MONTANA

The state of Montana was inadvertently omitted from the map illustrating the article "U.S.D.A. Regional Document Delivery System" published in ALIN, vol. 6, no. 3, March 1980. Montana is part of the North Central Region.



## AGRICULTURAL LIBRARIES INFORMATION

NOTES provides a channel of communication to technical information specialists, librarians, extension workers, researchers, and scientists on agricultural information activities. It is published monthly by the U.S. Department of Agriculture, Science and Education Administration, Technical Information Systems, National Agricultural Library Building, Beltsville, MD 20705. Leila Moran, Editor. 

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Samuel T. Waters	344-3780	Head, Robert Butler	344-3732
Sec., Jo Andy		Serials & Exchange Section	
		Head, David Lee	344-3806
<u>Educational Resources Division</u>		Analysis Branch	
Chief, Eugene Farkas	344-3778	Chief, Carol Johnson	344-3824
Sec., Mary Milligan		Cataloging Section	
Food & Nutrition Information Center		Head, Pat John	344-3898
Head, Robyn Frank	344-3719	Indexing Section	
Science Liaison		Acting Head, Maydelle Stewart	344-3829
Dean Gamble	344-3834		
Consolidated Purchasing Assistant		Lending Branch	
Marilyn Boone	344-3778	Chief, Jan Kennedy	344-3834
		Sec., Jannette Shuford-Hall	
<u>Information Systems Division</u>		Maintenance Section	
Chief, John Myers	344-3846	Head, Joe Swab	344-3875
Sec., Margaret Kennedy		Utilization Section	
Library Systems Branch		Head, Jennie Brogdon	344-3762
Acting Chief, Phil Turner	344-3811	Reference Branch	
		Chief, Leila Moran	344-3834
Program Mgt. Systems Dev. Br.		Sec., Diana Lemon	
Chief, Tom Tate	344-3846	Automated Retrieval Section	
EMIS	344-3846	Head, Charles Bebee	344-3704
Program Mgt. Systems Operations Br.		Information & Biblio. Section	
Chief, Ted Bauer	344-3846	Head, Mary Lassanyi	344-2791
CRIS	344-3850		
Technical Products & Services Br.		D.C. Operations	
Acting Chief, Phil Dopkowski	344-3750	Law Library	
		Head, Spurgeon Terry	447-7751
CALS			
Head, Hazel Pollard	344-3859	D.C. Branch	
<u>Library Operations Division</u>		Head, Melba Bruno	447-3434
Chief, Wallace C. Olsen	344-3834		
Sec., Edith Fifer			

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(Card catalog look-up)	344-3755
Telephone reference	
(Ref. assistance)	344-3704
Circulation	344-3761
Current Serial Record	344-3737